

Ranger. 1628.

A new Almanacke and
Prognostication for the
yeere of our Lord
God, 1628.

Being from the Worlds Creation, 5777.
and Leape Yeare.

Calculated and properly referred to the
Meridian of the honourable Citie of *Paris*,
where the Pole is rayed about the Horizon
54. degrees: 25. minutes. And whose Lon-
gitude is reckoned 22. degrees, 25. minutes,
so that it may well serue for all Helipses and
Aspects for the Honourable City of *London*,
without any sensible error.

By *Philip Ranger* Gent. and Student
in the Arts Mathematicall.

LONDON,
Printed for the Companie of
Stationers.

A Compendious Chronologic or Computation of

Yeeres.

Since the Creation of the world	5577
Since the flood of Noah.	3921
Since Israels departure out of Egypt.	3555
Since Salomon built the Temple at Jerusalem.	2645
Since London was built.	2736
Since Porke was built.	3594
Since the building of Porke Minster.	909
Since King William conquered England.	560
Since Pauls Church in London was built.	542
Since Westminster Hall was built by W. Rufus.	529
Since London Bridge was built of stone.	452
Since the first inuention of Gunnes	248
Since the first inuention of Printing.	168
Since D. Luther detected Popish falsehoods.	111
Since R. H. 8. crushed the Popes power in Engl.	94
Since the Rebellion in Porke by Aske.	91
Since Register Bookes began in euery Parish.	90
Since the beginning of blef. Q. Elizabeths raigne.	70
Since Dole Bridge at Porke was broken downe	64
Since the Rebellion of the 2. Northerne Earles.	59
Since the doleful Massacre in France by Papists.	56
Since the first deepe Snow.	49
Since the generall Earthquake.	48
Since Tibury Campe.	40
Since the damnable Powder Treason. Nouem. 5.	23
Since the birth of our Soueraigne King Charles.	26
Since the last great frost	20
Since the last great Snow.	13
Since the beginning of King Charles raigne, March the 27.	3

10 Ordinary and vulgar Obseruations.

The Iulian, Soligenian,
or English Accompt
for this present

Yeare 1628.

The Lilian, Gregorian,
or Romish Accompt
for this present

Yeare 1628.

The Golden number. 14
The cycle of the sun. 13
The Dominical letter. *f*
The Roman Indiction. 11
The Epact. 4

Vreus numerus. 14
Cylus Solaris. 13
Lirera Dominicalis. *B A*
Indiction Romana. 11
Epactæ. 24

From Christmas day to
Shrove Sunday is 8. weeks
5. dayes.

From Shrove Sunday till
Lade d is 4. weeks 2. dayes

From Trinity Sunday
vntill Advent Sunday is
25. weekes.

Interuallum inter Natalem
Domini, & Quinquagesimam
continet. 10. Hebdom. 1. dies.

Numerus hebdomadarum
inter festum Triuitatis, & do-
minicam Aduentus est. 24.

first sun, in Lent March. 2
Easter day. April. 13
Ascension day. May. 22
Whitsunday. Iune. 1
Aduent Sunday. Nouemb. 30

Quadragesima. March. 12
Dominica Paschalis. Apri. 23
Ascensio domini. Iune. 1
Pentecoste. Iune. 11
Aduentus domini. Decem. 3

Ember dayes.
March. 5. 7. 8
Iune. 4 6. 1
September. 17. 19. 20
December. 17. 19. 20

Ember dayes.
Februarie. 23. 25. 26
May. 24. 26. 27
September. 20. 22. 23
December. 20. 22. 23

Prohibited times from Marriage.

From December 3. till Ianuarie 14.
From February 11. till Aprill 21.
From May 19. till Iune 8.
From December 1. till the 31. of December.

The Anathomie of Mans Body, as some do
thinke the parts of it are governed by the
Moone, passing through the 12.

Signes of the Zodiacke.

Aries, Head and face.

Taurus,
Neck and
throat,

Gemini
Armes &
Shoulders

Cancer,
Brest and
Stomacke.

Leo,
Heart and
backe,

Virgo,
Bosells
& Belly.

Libra,
Weynes
& loynes.

Scorpio,
Secret
members

Sagittarius
The
thighes.

Capricorn
the knees

Aquarius
The legs.



Pisces, the feet.

The Characters of the 12. Signes, and 7. Planets.

♈ Aries.	♉ Taurus.	♊ Gemini.	♋ Cancer.
♌ Leo.	♍ Virgo.	♎ Libra.	♏ Scorpio.
♐ Sagitt.	♑ Capric.	♒ Aquarius.	♓ Pisc.
♄ Saturne.	♃ Iupiter.	♂ Mars.	☉ Sol.
☿ Mercurie.	☾ Luna.	♀ Venus	

January hath xxxj. dayes.

The biting frosts that will this moneth abound
Hurts not so much as Vfurie shall wound
The fire sets free from iniurie of Cold
The Vfr's conscience will not be controlld

Sunne
riseth
at
York.

43

1	a	Paid per day	Disc. 16	8	17
2	b	Oct. Steph.	Art. 0	8	16
3	c	Oct. John.	Disc. 14	8	15
4	d	Oct. Inn.	Tau. 18	8	13
5	e	Blase mart.	Tau. 12	8	12
6	f	Twelve day	Gem.	8	11
7	g	Felix e Jan.	Gem	8	9
8	a	Lucian.	Can. 25	8	8
9	b	Agape.	Leo. 10	8	7
10	c	Sol. in Aquar.	Leo. 25	8	5
11	d	Hyginus.	Virg. 9	8	4
12	e	Archadius.	Vir. 23	8	2
13	f	1. Sund. af. Epi.	Lib. 7	8	0
14	g	Felix.	Lib. 21	7	58
15	a	Marice	Scor. 4	7	56
16	b	Marcellus.	Dec. 17	7	54
17	c	Prisca.	Sag. 29	7	52
18	d	Anthonie.	Sag. 11	7	50
19	e	Amoistane.	Cap. 23	7	48
20	f	2. Sund. af. Epi.	Cap. 5	7	46
21	g	Agnes virg.	Cap. 16	7	44
22	a		Cap. 28	7	42
23	b	Termz beg.	Aqua 19	7	40
24	c		Aqua 23	7	39
25	d	Con of Paul.	Disc. 5	7	37
26	e	Policarp. ma.	Disc. 18	7	36
27	f	3. Sund. af. Epi.	Disc. 1	7	34
28	g	Valerins.	Disc. 14	7	33
29	a	Theodore.	Disc. 27	7	31
30	b	Basilid. Que	Tric. 11	7	29
31	c	Saturnine.	Tric. 24	7	27

First quar-
ter the 4. day
10 min. past 5
in the after-
noone.

Full moon
the 10. day,
20. minutes,
past 9, at night
Eclipsed.

Last quar-
ter the 18. day
6. min past 6.
in the morning.

New moon
the 26. day, 13
min. past nine
in the morning.

Februarie hath xxix. dayes.

Be quiet and sober, and good diet vse

The helpe of good Physicke now do not refuse

The Spring commeth on, thy bloud doth increase

Of Sin purge thy soule, with God make thy peace

Sunne

risseth

at

Yorke.

1	d	fast.	Taur. 8	7	25
2	e	Purif. of Ma.	Tau. 22	7	23
3	f	4. Sun. af Epi.	Gem. 6	7	21
4	g	Craft. Purif.	Gem 17	7	19
5	a	Agathe virg	Canc. 5	7	17
6	b	Dorothe.	Can. 19	7	15
7	c	Amandus.	Leo. 4	7	13
8	d	Apollonius	Leo. 18	7	11
9	e	Scholasticus	Virg. 1	7	9
10	f	Sol in Pisces.	Vir. 15	7	7
11	g	Euphrasia	Vir. 29	7	5
12	a	Term ends	Lib. 12	7	3
13	b	Molstan.	Lib. 24	7	1
14	c	Valentine.	Dec. 7	6	59
15	d	Iuliana. virg.	Dec. 19	6	57
16	e	Faustine	Mag. 1	6	55
17	f	Sexagesima.	Mag. 13	6	53
18	g	Simeon. bish	Mag. 24	6	51
19	a	Sabine mart	Cap. 6	6	49
20	b	Mildred. virg	Cap. 18	6	47
21	c	69. Martyrs.	Aqua. 1	6	45
22	d	Cath & Per	Aqua. 13	6	43
23	e	fast.	Aqua. 16	6	41
24	f	Quinquagesim	Disc. 9	6	39
25	g	Mat. Apollie	Disc. 13	6	37
26	a	Inu. of Paul	Ari. 7	6	34
27	b	Alexand bish.	Ari. 21	6	32
28	c	Augustine	Tau. 5	6	30
29	d	Fortunatus	Tau. 19	6	27

First quar-
ter the 2. day
at 2. in the af-
ternoone.

Full moon
the 9. day, 45.
min. past 1. in
the morning.

Last quar-
ter the 17. day
44. min past 2
in the mor.

new moon
the 24. day, 45
min. past 11.
at night.

March hath xxxj. dayes.

Chooſe meates that are both light and pure,
Now Phyſicke take health to procure.
Yet let the ſkilfull thereof know,
Leſt thou thy health doeſt overthrow.

Sunne
riſeth
at
York.

43

1	d	David Biſh.	Gem. 3	First quar-	6	25
2	e	Quadrageſima	Gem. 18	ter the 2. day 7	6	22
3	f	Maurice.	Can. 2	min paſt 9. at	6	19
4	g	Doſtian mart.	Can. 15	night.	6	16
5	a	Ember faſt	Can. 29		6	13
6	b	Victorinus	Leo. 13		6	10
7	c	Euphemia	Leo. 27		6	8
8	d	Dep. of Felix	Virg. 10		6	6
9	e	2. Sun. in Lent	Virg. 24	Full moon	6	3
10	f	Solin Aries.	Libr. 7	the 9. day, 8.	6	0
11	g	Nurſion	Libr. 20	min. paſt 11.	5	58
12	a	Gregory biſh.	Scor. 2	at night.	5	55
13	b	Theodorus	Scor. 15		5	53
14	c	Candidus	Scor. 27		5	51
15	d	Longinus	Sag. 9	Last quar-	5	49
16	e	3. Sun. in Lent	Sag. 20	ter the 17. day	5	47
17	f	Patrick	Capr. 2	15. min. paſt	5	45
18	g	Edward k.	Capr. 14	11. at night.	5	43
19	a	Jo. Ma. hns.	Capr. 26		5	41
20	b	Eutbert.	Aqua. 8		5	39
21	c	Benedict.	Aqua. 21		5	37
22	d	Phyrodorus	Piſc. 4		5	35
23	e	4. Sun. in Lent	Piſc. 17		5	33
24	f	faſt.	Ari. 1	Permoon	5	31
25	g	Ann. of Mar.	Ari. 15	the 25. day. 40	5	29
26	a	Caſſox mart.	Ari. 30	minutes be-	5	27
27	b	Init. rex Carol	Tau. 15	foze noone.	5	25
28	c	Dorothee vir.	Tau. 29		5	23
29	d	Victorian	Gem. 14		5	21
30	e	5. Sun. in Lent	Gem. 28		5	19
31	f	Adelme Biſh.	Can. 14		5	17

April hath xxx. dayes.

Now *Galens* sonnes are set on worke,
For griefes that in our body lurke,
The Physicke of our sacred Soule
Is not thought on till bell doth toulc.

Sunne
riseth
at
Yorke.

43

1	g	Theodore.	Can. 26	First quar-	5	14
2	a	Mary Egypt	Leo. 10	ter the 1. day,	5	12
3	b	Richard bish	Leo. 23	past 4. in the	5	10
4	c	Ambrose.	Air. 7	morning.	5	8
5	d	Martian.	Airg. 10		5	6
6	e	Phaustic	Libz. 3		5	3
7	f	Euphanta.	Libz. 16		5	1
8	g	Egeleppus.	Libz. 28		4	59
9	a	Ezechiel.	Deco 11	Ful moon	4	57
10	b	Sun in Taurus	Deco. 23	the 8. day, past	4	55
11	c	Julius conse.	Mag. 5	1. in the after-	4	53
12	d	Osual. Arch.	Mag. 17	noone.	4	51
13	e	After day.	Mag. 29		4	49
14	f	Oloue.	Cap. 10		4	47
15	g	Leonard.	Cap. 22		4	45
16	a	Osmond bish.	Aqu. 24	Last quar-	4	43
17	b	Anicetus.	Aqu. 16	ter the 16. day	4	41
18	c	St p. red Sea	Aqu. 29	at 5. afternoon	4	39
19	d		Pisc. 12		4	37
20	e	1. Sun. af. East.	Pisc. 25		4	35
21	f	Simeon conf	Ari. 9		4	33
22	g		Ari. 24		4	31
23	a	George mart	Taur. 8	Peremoon	4	29
24	b		Tau. 23	the 23. day, 15	4	27
25	c	Marye	Gem. 8	min. past 8. at	4	25
26	d	Wilfrid.	Gem. 23	night.	4	23
27	e	2. Sun. af. East.	Can. 8	First quar-	4	21
28	f	Atalis.	Can. 23	ter the last day	4	19
29	g	Pet. of mil.	Leo. 7	at high-noone	4	17
30	a	Terme begin	Leo. 10	almost.	4	15

May hath xxxj. dayes.

Now Earth puts on dame *Flora's* rich attire,
 Her beauteous robes with pleasure we admire,
 If thou with God and Saints wilt haue respect
 Besure thy soule with virtues bright be deckt.

Sunne
 riseth
 at
 Yorke.

43

1	b	John the Evangelist	Virg. 4	4	14
2	c	Thomas.	Virg. 7	4	12
3	d		Virg. 9	4	10
4	e	3. Sun. af. East.	Lib. 12	4	8
5	f	Godard.	Lib. 25	4	7
6	g	Job post. La	Dec. 7	4	5
7	a		Dec. 20	4	3
8	b	Appa. S. mic	Mag. 2	4	1
9	c	Dordian.	Mag. 14	3	59
10	d	S. Hierome	Mag. 25	3	58
11	e	4. Sun. af. East.	Cap. 7	3	56
12	f	Sun. in Gemini	Cap. 19	3	55
13	g	Bonifarius.	Aqu. 1	3	53
14	a	Ilodore.	Aqu. 13	3	52
15	b	Sophia.	Aqu. 25	3	51
16	c	Brandine.	Pisc. 8	3	49
17	d	Noah ent. Tr.	Pisc. 21	3	48
18	e	Regat Sund	Arie. 4	3	47
19	f		Arie. 18	3	45
20	g	Hellen. queen	Tau. 2	3	44
21	a	Julian.	Tau. 17	3	43
22	b	Ascension day	Gem. 2	3	42
23	c	Wellberus.	Gem. 17	3	41
24	d	Adelme.	Can. 2	3	40
25	e	6. Sun. af. East.	Can. 17	3	39
26	f	Cetina end	Leo. 2	3	38
27	g	Germanus.	Leo. 16	3	37
28	a	Coronts.	Virg. 0	3	36
29	b	Felix.	Virg. 14	3	35
30	c	Perronel.	Virg. 27	3	34
31	d	Petrus.	Lib. 9	3	33

Full moon
 the 8. day, al-
 most at 4. in
 the morning.

Last quar-
 ter the 16. day
 36 min past 7
 in y morning.

New moon
 the 13. day, 3.
 quart. past 3. in
 the morning.

First quar-
 ter the 29. day
 a quart. past 8.
 afternoone.

June hath xxx. dayes.

43

Hot spice is naught, strong wines inflame,
Sweet meates are worse, much sleepe the same,
But sinfull riot worst of all is deem'd,
Dare not thy soule which Christ hath now redeem

Sunne
riseth
at
Yorke.

1	a	Junia	Lib. 22	3	33
2	f	Marcelline	Dec. 4	3	33
3	g	Crasimus	Dec. 16	3	32
4	a	Ember fall.	Dec. 28	3	32
5	b	Boniface	Aug. 10	3	32
6	c	Corollane	Aug. 22	3	32
7	d	Medard.	Cap. 4	3	31
8	e	John Sund	Cap. 16	3	31
9	f	Edmund trall	Cap. 18	3	31
10	g	Innocent	Aug. 10	3	31
11	a	Barnabie	Aug. 21	3	31
12	b	Solin Cancer.	Disc. 4	3	31
13	c	John begin	Disc. 17	3	31
14	d	Basil Bish.	Disc. 30	3	31
15	e	1. Sund. af. Tri.	Tric. 13	3	31
16	f		Tric. 27	3	31
17	g	Botulph.	Can. 11	3	32
18	a	Mar. amarel	Can. 25	3	32
19	b		Gem. 10	3	32
20	c	Crant. of Edm	Gem. 25	3	32
21	d	Walburga	Can. 10	3	33
22	e	2. Sund. af. Tri	Can. 25	3	33
23	f		Leo. 10	3	34
24	g	Hob. Wapfill	Leo. 25	3	34
25	a	Urbane	Virg. 9	3	35
26	b	Leo Bishop	Virg. 23	3	35
27	c		Lib. 6	3	36
28	d		Lib. 19	3	37
29	e	Decor. Aug.	Dec. 1	3	38
30	f	Con. of Paul	Dec. 13	3	39

Full moon
the 6. day, 12.
min. past. 7. in
the morning.

Last quar-
ter the 14. day
40. min past 6
in the mor.

New moon
the 21. day, 3.
min. in the
morning.

First quar-
ter the 28. day
21. min. past 7
in the mor.

Iuly hath xxxj. dayes.

What pleaseth Iune likes Iuly best,
Cold bathes they loue amongst the rest.
The grasse that growes to morrow is hay,
And man that's now, asloone is clay.

Sunne
riseth
at
Yorke.

43

1	g	Wilt. of Ma.	Deco. 25		3	41
2	a	Term ends.	Aug. 7		3	42
3	b	Tran. of Tho.	Aug. 19		3	43
4	c	Trans. of mar	Cap. 1		3	44
5	d		Cap. 13	● ful moon	3	45
6	e	Dag day beg.	Cap. 25	the 6. day half	3	47
7	f	Zoe birg.	Aqua. 7	an houre past	3	48
8	g	Erkenwald.	Aqua. 19	10. in the mo.	3	49
9	a	Ctrillus	Disc. 1		3	51
10	b	7. b. eth. mart.	Disc. 14		3	52
11	c		Disc. 21		3	53
12	d	Pa bor. felix	Arie. 10	(Last quart.	3	55
13	e	Solin Leo.	Arie. 23	the 14. day at	3	56
14	f	Bonaventure	Can. 6	3. in the mo.	3	58
15	g	Swithune.	Can. 20		3	59
16	a	Kenelmeking	Gem. 4		4	1
17	b	Anolphus	Gem. 19		4	3
18	c	Rufin & Just	Can. 4		4	5
19	d		Can. 19	● new moon	4	7
20	e	Margaret.	Leo 4	the 20. day a	4	8
21	f	Proxede	Leo 18	quart. past 6.	4	10
22	g	Mary Mg.	Air. 3	at night.	4	11
23	a		Air. 17		4	13
24	b	Fast.	Lib. 1		4	15
25	c	James Apo.	Lib. 14		4	16
26	d	Ann. mar. mo.	Lib. 27		4	18
27	e	7. Sund. af. Tri.	Deco. 10	● First quart.	4	20
28	f	Samson.	Deco. 22	ter the 27. day	4	22
29	g		Aug. 4	10. min. past	4	24
30	a	Beatrice	Aug 16	9. at night.	4	26
31	b	Germanus	Aug. 28		4	27

August hath xxxj. dayes.

Now gather thy fruits, God send thee good store.
And giue thereof some part to the poore,
Thou shalt not want thy due reward,
Such sacrifice God doth regard.

Sunne
riseth
at
Yorke.

1	c	Lammas Day	Cap. 9
2	d	Stephanus.	Cap. 21
3	e	8. Sund. af. Tri.	Aqua. 3
4	f	Priscarchus.	Aqu. 16
5	g		Aqu. 28
6	a	Sixtus Bish.	Pisc. 10
7	b	Trans of Chr	Pisc. 23
8	c	Cirtacus.	Arie. 7
9	d	Romanus.	Arie. 20
10	e	9. Sund. af. Tri.	Tau. 3
11	f	Ethurt. mart	Tau. 17
12	g	Clare Virgin	Gem. 1
13	a	Solin Virgo.	Gem. 14
14	b	Eusebius.	Gem. 28
15	c	Roche. Conf.	Can. 13
16	d	Oct. Lauren.	Can. 27
17	e	10. Sun. af. Tri	Leo 12
18	f	Agapitus.	Leo 27
19	g	Magnus ma.	Vir. 11
20	a	Leobis bish.	Vir. 25
21	b	Barnard.	Lib. 9
22	c	Timoth?	Lib. 22
23	d	fast.	Scor. 5
24	e	Barthol Ap	Scor. 18
25	f	Lodowick k.	Scor. 30
26	g	Seuerinus.	Sag 12
27	a	Idon. B. end	Sag. 24
28	b	Rufinus.	Cap. 6
29	c	J. Wap. beheb	Cap. 18
30	d	Felix & And?	Cap. 29
31	e	12. Sun. af. Tri.	Aqu. 11

● Full moon
the 5. day 10.
min. past 1. in
the morning.

● Last quart.
the 12. day al-
most at 10. in
the morning.

● New moon
the 19. day. al-
most at 3. in
the morning.

● First quar-
ter the 26. day
at 2. in the af-
ternoone.

4	29
4	31
4	33
4	35
4	37
4	39
4	41
4	43
4	45
4	47
4	49
4	51
4	53
4	55
4	57
4	59
5	1
5	3
5	6
5	8
5	10
5	12
5	14
5	16
5	18
5	20
5	22
5	25
5	27
5	29
5	32

September hath xxx. dayes.

Greene fruits make sicknesse to abound,
 Use good aduice to keepe thee sound,
 Giue not thy lusts what they doe craue,
 Lest thou vniwares step into graue.

Sunn
 riseth
 at
 Yorke.

43

1	f	Giles Abbot.	Aqua. 24		5	36
2	g	Anthonie.	Pisc. 6		5	38
3	a	Gregorie.	Pisc. 19		5	40
4	b	Era. of Cuth.	Aries 3	☉ Full moon	5	42
5	c	Berlin.	Arie. 16	the 3. day,	5	44
6	d	Eugenius.	Aries 30	3. quart. past	5	46
7	e	Pat. D. Eliz.	Taur. 14	afternoone,	5	48
8	f	Pat. B. Mar	Taur. 27		5	50
9	g	Silutus.	Gem. 11		5	52
10	a	Gorgentus.	Gem. 25		5	54
11	b	Martian.	Canc. 9	☾ Last quar-	5	56
12	c	Amantus.	Canc. 23	ter the 10. day	5	58
13	d	Nichodemus	Leo. 8	at 4. afternoon	6	0
14	e	Holy Crosse	Leo. 22		6	2
15	f	Oct. Mary	Virg. 6		6	5
16	g	Edith. b. g	Virg 20	☉ new moon	6	7
17	a	Lambert.	Lib. 4	the 17. day,	6	9
18	b	Januarius.	Lib. 17	half an houre	6	11
19	c		Scor. 0	past 1. after-	6	13
20	d	fat.	Scor. 13	noone.	6	15
21	e	Mathew. Ap.	Scor. 26		6	17
22	f	Mauritius	Sag. 8		6	19
23	g	Tecla virg.	Sag. 20		6	22
24	a	Androchius.	Capz. 2		6	24
25	b	Firminus	Capz. 14	☾ first quar-	6	26
26	c	Cyprian.	Capz. 25	ter the 25. day	6	28
27	d	Colne & Da.	Aqua. 7	half an houre	6	31
28	e	86. Sun. af. Tri.	Aqua. 19	past 9. in the	6	33
29	f	Mich. Chan.	Pisc. 2	morning.	6	35
30	g	Hierom presb.	Pisc. 15		6	38

October hath xxxj. dayes.

October bids to clothe thee well,
If thou on earth in health wouldst dwell,
Clothe well thy soule with heauenly grace,
If thou mongst Saints wouldst haue a place.

Sunne
riseth
at
Yorke.

1	a	Remigius.	Disc. 28	6	41
2	b	Leodegarus.	Aries 11	6	43
3	c	Candidus.	Aries 25	6	45
4	d	Franciscus.	Taur. 9	6	48
5	e	17. Sun. af. Tri.	Taur. 23	6	50
6	f	Faith virgin	Gem. 8	6	51
7	g	Marc. & Mai	Gem. 22	6	54
8	a	Delagius.	Canc. 6	6	37
9	b	Termine begin.	Canc. 20	6	59
10	c	Victorinus	Leo. 4	7	1
11	d	Nichollus	Leo. 18	7	3
12	e	18 Sun. af. Tri	Virg. 2	7	5
13	f	Solin Scorpio	Virg 16	7	7
14	g	Calixtus	Virg 29	7	9
15	a	Julian bish	Lib. 13	7	11
16	b	Mic. in 5 mo	Lib. 26	7	14
17	c	Etheldred	Scoz. 9	7	16
18	d	Luke Euang	Scoz. 21	7	18
19	e	19. Sun. af. Tri	Sag. 4	7	20
20	f	Austrobert	Sag. 16	7	22
21	g	1000. Virg.	Sag. 28	7	24
22	a	Severus	Capz. 10	7	26
23	b	Romanus	Capz. 21	7	28
24	c	Crisp & Cris	Aqua. 3	7	30
25	d	Euastus	Aqua. 15	7	32
26	e	20. Sun. af. Tri.	Aqua. 27	7	34
27	f	Fall.	Disc. 10	7	36
28	g	Sim. & Jude	Disc. 22	7	38
29	a	Narcissus	Aries 6	7	40
30	b	Germanus	Aries 19	7	42
31	c	Fall.	Taur. 3	7	44

☉ ful moon
the 3. day,
at thre in
the morning.

(Last quar-
ter the 12. day
at 11. at night

☉ new moon
the 17. day,
at a quarter
past 3. in the
morning.

) first quar-
ter the 25. day
at 6. in the
morning.

November hath xxx. dayes.

If thou thine health wilt still preferue,
 Let Doctor Diet of counsell bee,
 Forget not still the Lord to serue,
 From sinfull bondage make thee free.

Sunne
 riseth
 at
 Yorke.

43

1	d	St. Andrew	Tar. 19	Full moon	7	46
2	e	21. Sun. af. Tri	Gem. 3	the first day	7	48
3	f	Antinifride.	Gem. 18	3. quart past 2	7	50
4	g	Amantius,	Can. 2	after noone,	7	52
5	a	Wolwer plot,	Can. 17		7	53
6	b	Leonard.	Leo. 1		7	55
7	c	Willebrode.	Leo. 17		7	57
8	d	4. Crowned.	Leo. 30	Last quart	7	59
9	e	22. Sun. af. Tri	Vir. 12	ter the 8. day,	8	1
10	f	Martin.	Vir. 26	21 minute past	8	2
11	g	Martin bish	Lib. 9	7. in the mozt.	8	4
12	a	Solin Sagira.	Lib. 22		8	6
13	b	Brice, Bish.	Scor. 5		8	7
14	c	Erkenwald.	Scor. 18		8	8
15	d	Machute.	Scor. 30	New moon	8	9
16	e	23. Sun. af. Tri.	Sag. 12	the 15. day, 50	8	11
17	f	M. Elizabeth	Sag. 24	minutes past	8	12
18	g	Oct. Martin.	Cap. 6	7. at night.	8	13
19	a	Pat. & Char	Cap. 18		8	14
20	b	Edmund k.	Cap. 30		8	15
21	c	Present of M	Squ. 12		8	16
22	d	Cicely. bvirg.	Squ. 23	First quart	8	17
23	e	24. Sun. af. Tri.	Pisc. 6	ter the 14. day a	8	18
24	f	Grifogen. m.	Pisc. 18	quart. past 1.	8	19
25	g	Katherine,	Arie. 1	in the morn.	8	20
26	a	Linns.	Arie. 14		8	21
27	b	Agricola.	Arie. 27		8	22
28	c	Terme ends	Tan. 11		8	23
29	d	Fast.	Tan. 26		8	24
30	e	Andrew Ap.	Gem. 11		8	25
					8	26

December hath xxxj. dayes.

43

Though Earth by force of Winters rage,
And violent stormes doe mourne:
Let soule reioyce in Iesus Christ,
Which in this moneth was borne.

Sunne
riseth
at
Yorke

1	f	Elegius bish	Gem. 27	● Full moon	8 26
2	g	Libantus.	Tan. 11	the first day,	8 27
3	a	Depos. of O	Tan. 26	51. min past. 1	8 27
4	b	Barbara vir.	Leo. 10	to ½ mozung.	8 28
5	c	Sabbe.	Leo. 24		8 28
6	d	Nicholas bish	Vir. 9		8 28
7	e	2. Sun. in Adu.	Vir. 23		8 29
8	f	Con of Mary	Lib. 6	(Last quar-	8 29
9	g	Cyprian.	Lib. 19	ter the 7. day,	8 29
10	a	Eulalia.	Sco. 2	a little past 6.	8 29
11	b	Romanus.	Sco. 15	at night.	8 29
12	c	Sun in Capric.	Sco. 27		8 29
13	d	Luce Virgine	Dag. 8		8 29
14	e	3. Sun. in Adu.	Dag. 21		8 29
15	f	Valerianus.	Cap. 3	● New moon	8 29
16	g	D Sapientia	Cap. 15	the 5. day, at	8 29
17	a	End. weeke.	Cap. 27	3. in the after	8 28
18	b	Grattan	Agu. 8	noone,	8 28
19	c	Genza virg.	Agu. 20		8 28
20	d	fast.	Pisc. 2		8 27
21	e	Thomas Ap.	Pisc. 14		8 27
22	f	30. Marys.	Pisc. 27		8 26
23	g		Arie. 10) First quar-	8 26
24	a	fast.	Arie. 23	ter ½ 23. day 3	8 25
25	b	Pa. of Christ	Tan. 6	min. past 5.	8 24
26	c	S. Stephen.	Tan. 20	afternoone.	8 23
27	d	S. John Eu	Gem. 4		8 22
28	e	Innocents.	Gem. 19	● Full moon	8 21
29	f		Tan. 4	the 30. day, 3.	8 20
30	g	James trans.	Canc. 19	quarters past	8 19
31	a	Siluester.	Aco 4	high=noone.	8 18

Ranger. 1628.

A Prognostication
for the yeare of our
Redemption.

1628.

Being Bissextile, or Leap
yeare.



Wherein is set downe diuers
Notes and Obseruations, both
Physicall, Ciuill, and Astronomicall:
Whereunto are annexed many com-
pendious Tables, fit for sundry
occasions and sorts of men,
which the Ingenious may
vse to their pleasure
and profit.

By *Phillip Ranger* Gent.
and a louer of the Arts
Mathematicall.

LONDON,
Printed for the Company of
Stationers. 1628.

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A Prognostication for the yeere of our Redemption, 1628.

Astronomicall calculations for this present
yeare. 1628.

The Precession of the Equinoctiall, is 28.
deg. 15. min.

The greatest obliquity of the Zodiacke is
according to the Prutenicke. 23. deg. 28.
min. 0. sec. but according to Tycho Brahe,
and the reformed accounts, 23. deg. 31. min.
30. sec.

The Eccentricity of the Sun by the Pru-
tenicks is 32217. the totall being 1000000.
021. part 55. min. 58. sec. the totall being
60. But according to Tycho Brahe it is 2.
parts 9. min. the totall being 60.

Saturne is retrograde from the 12. of Ja-
nuary till the 28. of May.

Jupiter is retrograde from the 11. of Aprill
till the 9. of August.

B 2

Mars

A Prognostication.

Mars is not retrograde all this yere.

Venus is retrograde from the 24. of August till the 5. of October.

Mercurie is carried backe from the 23. of December, 1627. till the 13. of January, 1628. And from the 15. of Aprill till the 7. of May. And from the 9. of August till the 1. of September. And from the 3. of December, till the 25. of the same.

Note the Aux. or Apogeiū of the Sun, is by the obseruation of Tycho Brahe in the 6. deg. of Cancer.

A plaine

Ranger. 1628.

A Plaine and short Table, shewing the beginning, ending, and continuance of euery Kings raigne since the Conquest, with how long since the ending of their raignes this present year, 1628. Set forth heretofore by others, and now continued for the benefit of such as shall vse the same.

The Kings names.	Began their Raigne.	Raigned years.mon.da.	Since their raignes.
Wil. Cong	1066. Octo. 14	20 11 14	541. yeares.
Wil. Rufus	1087. Sept. 9	12 11 17	527.
Henry 1	1100. Aug. 1	35 4 11	493.
Stephen	1135. Decē. 2	18 11 18	473.
Henry 2	1154. Octo. 25	34 9 1	438.
Richard 1	1189. Iuly, 6	9 9 0	428.
Iohn	1199. Aprill, 6	17 6 13	411.
Henry 3	1216. Octo. 19	56 1 0	355.
Edward 1	1272. Nou 16	34 8 6	320.
Edward 2	1307. Iuly, 7	19 7 5	301.
Edward 3	1326. Jan. 25	50 5 7	250.
Richard 2	1377. Iune, 21	22 3 14	217.
Henry 4	1399. Sep. 29	13 6 3	215.
Henry 5	1412. Mar. 20	9 5 24	205.
Henry 6	1422. Aug. 21	38 6 8	167.
Edward 4	1460. Mar. 4	12 5 1	144.
Edward 5	1483. Aprill, 9	0 2 18	144.
Richard 3	1483. Iana. 22	2 8 5	142.
Henry 7	1485. Aug. 22	13 8 19	118.
Henry 8	1509. Apr. 22	37 10 2	81.
Edward 6	1546. Iana. 28	6 5 19	74.
Q. Mary	1553. Iuly, 6	5 4 25	64.
Q. Elizab.	1558. Nou. 17	14 4 15	26.
Iames	1603. Mar. 24	22 0 3	2.
CHARLES	1625. Mar. 27	Whom God long prelerue.	

A Prognostication.

A perfect Table of the Termes, and their Returnes.

Hillarie Terme begins Januar. 23. ends Febr. 12.

Returne dayes, or dayes of Elapſe.	Dayes of Returne Exceptio breuium	Dayes of Apparanc.
Octab. Hillar. Jan. 21	Janu. 22	Jan. 23
Quind. Hillari. Jan. 28	Janu. 29	Jan. 30
Craft. Purific. Febr. 4	Febr. 5	Febr. 6
Octab. Purific. Febr. 11	Febr. 12	Febr. 13

Easter Terme begins Aprill 30. ends May 26.

Quind Pasch. Apr. 28	Aprill. 29	April. 30	May, 1
Tres Paschæ. May, 5	May, 6	May, 7	May, 8
Mense Paschæ. May 12	May, 13	May, 14	May, 15
Quinq; Pasch. May 19	May, 20	May, 21	May, 22
Craft. Ascens. May 23	May, 24	May, 26	May, 27

Trinitie Terme begins June 13. ends July 2.

Craft Trinit. June, 9	June, 10	June, 11	June, 12
Octab. Trin. Jun. 16	June, 17	June, 18	June, 19
Quind. Trin. Jun. 23	June, 25	June, 26	June, 27
Tres Trin. Jun 30	July, 1	July, 2	July, 3

Michaelm. Terme begins Octob. 9. ends Nouem. 28.

Octab. Mich. Octob. 6	Octob. 7	Octob. 8	Octob. 9
Quind. Mich. Octo. 13	Octob. 14	Octo. 15	Octo. 16
Tres Mich. Octo. 20	Octob. 21	Octo. 22	Octo. 23
Mens. Mich. Octo. 27	Octob. 28	Octo. 29	Octo. 30
Craft. Animar. Nouē. 3	Nouē. 4	Nou. 5	Nou. 6
Craft. Martin. Nou. 12	Nouē. 13	Nou. 14	Nou. 15
Octab. Martin. Nou. 19	Nouē. 20	Nou. 21	Nou. 22
Quind. Marti. Nou. 26	Nouē. 27	Nou. 28	Nou. 29

Note the Exchequer openeth eight dayes befoze the beginning of euery Terme, except Trinitie Terme, befoze the which it openeth onely foure dayes.

The

Ranger. 1628.

The Law dayes, whereon these Courts of the Ciuill law heere named are appointed to be kept this yeare. 1628.

	The Court of Arches in Bow Church, in the forenoone: and the Admirall of S. Pauls Church in the South-warke in the afternoone.	The Court of Audience of Canterbury at the Consistory Church in the forenoone, and in the same place the Prebendary Court of Canterbury in the afternoone.	The Consistory Court of the Bishop of London in S. Pauls Church in the forenoone, and the Court of Delegates and of Commissioners vpon appeals in the same place in the afternoone.
Ianua.	14, 21, 26.	15, 22, 28.	16, 23, 29.
Febru.	4, 11, 15, 28.	5, 12, 16, 29.	6, 13, 18.
March	3, 8, 13, 26.	4, 10, 14, 27.	1, 5, 11, 15, 28.
Aprill.	28.	29.	30.
May.	5, 12, 20, 23.	6, 13, 21, 24.	7, 14, 22, 26.
Iune.	9, 13, 25, 30.	10, 14, 26.	11, 16, 27.
Iuly.	4, 16, 21, 28.	1, 5, 17, 22, 29.	2, 7, 18, 23, 30.
Octo.	7, 14, 20, 29.	8, 15, 21, 30.	9, 16, 22, 31.
Novē.	3, 12, 21, 26.	4, 13, 22, 27.	5, 14, 24, 28.
Decēb	1, 9.	2, 10.	3, 11.

Obserue that there may bee for some causes other Court dayes kept and obserued, and some of the Law dayes omitted: but these are such Law dayes as are kept and accustomedly vsed in these Courts. 1628.

A Prognostication.



A Description of the foure Quarters of the yeare, with the disposition of the same.

Of the Winter.

The winter quarter Astronomicall of this yeere 1628. began (according to the rules of Copernicus, and Reinholdus) on the 12. day of December; in the yeere 1627. about 3. a clocke after noone: But according to Tycho Brahe, a quarter of an houre before 1. in the morning. At which time the Sun entered into the first min. of Capricorne, being then in his greatest declination Southwards. 23. deg. 31. min. 30. sec. Confining the shortest day, and longest night. The day being then at Yorke, 7. houres and 2. min. and the night 16. houres and 58. min. which is 33. min. longer then the night at London. And this quarter continueth so long as the Sun is passing through Capricorne, Aquarius, Pisces, euen untill the 10. of March next following.

This winter season is by nature, cold, moist, and uncomfortable, dangerous to Travellers by sea, and land, more troublesome to olde persons, then to young, by reason the lively heate of youthfull blood both mitigate, and resist the malignity of cold moist humours, whereas the cold moistnesse of age yeeldeth vnto them.

The diseases incident to this quarter are Agues,
of

Ranger. 1628.

of all kinde of Gouts, and other Aches ingendered by cold Rheumaticke matter distilling along the body: Striches in the sides, and backe, Dropsies, Consumptions, &c.

Of the Spring.

The Sun, the most glorious eye of the world, and comforter of nature, having made his revolution through the Zodiacke beginneth his task againe upon the 10. day of March at one a clocke in the morning according to Tycho Brahe: but at 7. a clocke at night according to the Puteenick tables, and Hypotheses of Copernicus, at which time the dayes, and nights are of equall length throughout the world, being mounted above our Horizon. 35. deg. 20. min. And this Quarter continueth till the 12. of June,

This season doth revive and quicken the spirits of men, and all vegetative creatures, which before were dulled by the uncomfortable, and disastrous foregoing winter, now the Earth begins to adorne her selfe in the rich and gorgeous livery of Dame Flora: now all creatures reioyce, and multiplie, and the blessing of God for the preservation, and comfort of mans life appeareth.

The sicknesses like to rage this Quarter, are small Poxes, Measels, Squinances, hot Feners, Megrims with all other maladies proceeding from the Corruption of blood. Therefore is best time to be let blood, and to purge those humours, which are the causes of diseases. But looke you take the counsell of the learned, and play not hand over head, lest you repent too late, and with griefe of hart, Cry Had I wist, for dealing with such Quack salving dog-leeches, whose Whiff is more dangerous then the disease.

Of

A Prognostication.

Of the Summer.

NOW bright shining Phœbus is approached neereſt to our Zenith, and is at his fartheſt declination towards the North, being mounted aboue our Horizon at Yorke 59. deg. 10. min. making the longeſt day 16. houres. 58. min. and the ſhorteſt night 7. houres. 2. min. The Sun doth enter into the firſt min, of Cancer on the 11. day of Iune about 4. a clocke in the morning, after Tycho Brahe. But halfe an houre paſt 1. in the afternoone, as Copernicus affirmeth. And continueth till the 13. of September.

This ſeaſon according to the naturall diſpoſition is hot, and dry, and of complexion Cholericke, which humour of Choler increaſeth now more, then in any ſeaſon. Now heate is at the higheſt, the winds loweſt, the Seas calmest, and the fruites of the Earth are brought to maturity, and ripeneſſe. Now Marchants, and Mariners doe undertake voyages to bring home foraine commodities, and increaſe their wealth: now fruites, and flowers are pleaſanteſt, and daintieſt: The birds moſt melodious, and ioyfull: The Bees moſt mellifluous, and buſie; venomous Serpents moſt dangerous and abundant.

The ſickneſſes moſt like to preuaile on mens bodies this Quarter (according to the Iudgement of Hypocrates, and other learned Phiſitions) are hot Apoplexies and Angines, Frenſies, Madneſſe, Apoplexies, hot burning feauers, Inflammations in the eyes, eſpecially in yong people betwixt 20. and 30. yeeres of age. It is an inconuenient time to take Philiſicke, except in caſe of neceſſity and with aduiſe of the learned Phyſition.

Ranger. 1628.

Of Autumne.

This quarter concludeth the Astronomicall yeere, and is called Autumne. beginning when the Sun entereth into the first min. of Libra, which will happen according to Tycho Brahe past 7. at night. on the 12. day of September: but after the Prutenicks and Copernicus, on the 13. day of September, halfe an houre past 1. in the morning, making then the day and night equall.

This season continueth till the 11. day of December and is naturally cold, and dry, the fore-runner of that oppressing Tyrant winter. Now the beauty of the Earth beginneth to fade, and this our common Grand-mother resigneth her rich Robes wherewith she was before by the goodnesse of the Spring arayed: laying them by in the rich wardrobe of nature, to resume them againe when the violence of winter is past.

The bodily diseases whereunto mans frailty is subject this Quarter, are moe then many, and almost all that can bee named, But the chiefe are, Obstructions of the Brest, and lungs, Chollicks, Joynt aches, and generally all diseases proceeding of grosse melancholicke humours, and tough fleame, Incident specially to persons about 50. yeeres of age, from which and all other diseases, especiall the speckled leprosie of the Soule

Good Lord deliuer vs.

A note

A Prognostication.

A Note of the distance of the Sunne and
Moone from the earth, with their bignesse
together with the rest of the Planets
compared to the Earth.

The { Semidiameter } of the { 2436 } English
 { Diameter } Earth { 6873 } miles.
 { Compasse } is { 21600 }

June the 22. } the Sun is distant { 3841448. miles.
Decemb. 21. } from the Earth { 3793344. miles.

The Moone { in the greatest Altit. 220212. miles.
is distant from }
the Earth — { in the least Altitude, 175231. miles.

Sol { } { 166 }
Iupiter { containes the big- } { 95 } times:
Saturne { nesse of the earth } { 91 }
Mars { } { 2 }

The Earth containes { Venus } { 39 }
 { Mercury } { 3143 } times.
 { Moone } { 39 }

The body of the Sun containes the Moone, 6639. times

{ First } { 107 }
{ second } { 90 }
{ third } { 72 } times.
{ fourth } { 54 }
{ fifth } { 36 }
{ sixth } { 18 }

Those things are thought incredible to those which
are not acquainted with Mathematicall demonstrati-
ons, for whose sake only they are set downe to informe
their understanding, and refoyme their iudgements.

The Heauens declare the glory of God, and the Fir-
mament sheweth his handy worke. Psal. 19.

Ranger. 1628.

Of Eclipses this yeare, 1628.

There will bee 4. Eclipses, whereof 2. are of the Moone and 2. of the Sun.

The first Eclipse is of the Moone vpon the 10. day of January halfe an houre past 9. a clocke 51. min. at night: she will be totally darkned to the quantity of 18. digits, and more, the body of the Moone supposed to containe 12. digits, she will begin to be darkned 15. min. past 7. and will be before she recouer her whole light, till 57. past 10. so the total continuance of this Eclipse is 3. houres 40. min.

The second Eclipse is of the Sun the 21. day of June about 11. of the clocke before noone, which although the Sun be almost in the Meridian point, yet in respect of the great Southeren latitude of the Moone, and her Parallax we shall not see it, yet they that live in the Southeren parts of the world, shall haue it totally darkned.

The third Eclipse is of the Moone vpon the 6. day of July, halfe an houre past 10. in the morning: shee will be totally darkned: but because the Moone is vnder the earth we shall not see it.

The fourth Eclipse is of the Sun, the 15. day of Decemb. it will begin to be Eclipsed about 3. quarters of an houre past 2. afternoone, and so will set Eclipsed they which dwell West from vs, as at the West side of Ireland shall see the whole Eclipse.

Of

A Prognostication.

Of the apparant Scituation of the
5. Planets in our Horizon, and how they
are seated in our Hemisphere after Sun-
setting : As also, when some other
fixed Starres shall touch the South
point the first day of euery
Moneth.

Ianuarie.

Saturne riseth halfe an houre past midnight, south at 5.
and 15. min. morning.

Jupiter riseth south: east 50. min. past 5. moz.

Mars south 51. min. past 7. at night.

Venus setteth halfe an houre past 7. at night.

Mercurie is vnder the sunne beames.

Oculus Tauri south 3. quarters past 8. at night.

Right shoulder of Orion south past 10. at night.

Spica $\eta\gamma$ south at 5. 38. min. in the morning.

Arcturus south about day b:ake.

February.

Saturne south 6. min. past 3. in the morning.

Jupiter riseth 8. min. before 4. in the morning.

Mars south 23. min. past 6. at night.

Venus setteth 3. quarters past 6. at night.

Mercurie riseth 10. min. before 6. in the morning.

Castor south 32. min. past 9. at night.

I yons hart south about midnight,

Scorpions hart south 30 min. past 6. in the morning.

March

Ranger. 1628.

March.

Saturne south 10. min past 1. in the morning.
Iupiter riseth at 44. min. past 2. in the morning.
Mars setteth halfe an houre past 1. in the morning.
Venus setteth 3. quarters past 7. at night.
Mercurie is vnder the Sunne beames.
Brightest of Hydra south 3. quarters past 9. at night.
Lyons taile south inst at midnight.
Engonasis head south at 5. 25. min in the morning.

Aprill.

Saturne south 8. min. past 11. at night.
Iupiter riseth at 1. a clocke in the morning.
Mars setteth about 1. in the morning.
Venus setteth almost at 9. at night.
Mercury can hardly be seene in the morning.
Lyons taple south 6. min. past 10. at night.
Arcturus south halfe an houre after midnight.
Lira south at 5. a clocke in the morning.

May.

Saturne south 8. min. past 9. at night.
Iupiter south at 3. in the morning.
Mars setteth 39. min. past 11. at night.
Venus setteth at 11. at night.
Mercurie riseth at foure in the morning.
Spica γ south 51. min past 9. at night.
Aquila south a quarter past 4. in the morning.

June.

A Prognostication.

June.

Saturne setteth at 1. a clocke in the morning.
Jupiter south 3. quarters past midnight.
Mars setteth at 11. at night.
Venus setteth 3. quarters past 10. at night.
Mercurie riseth at 2. in the morning.
North ballance south 3. quarters past 9. at night.
Aquila south at 2. 11. min. in the morning.

July.

Saturne setteth at 11. a clocke at night.
Jupiter south a quarter past 10. at night.
Mars setteth halfe an houre past 9. at night.
Venus setteth a quarter before Mars.
Mercurie cannot be seene.
Scorpions hart south 48. min. past 8. at night.
Eagles tayle south at 11. 26. min. in the Evening.
Eagles hart south at 0. 9. min in the morning.
Left shoulder of Aquar. south at 1. 52. min. in the morn.

August.

Saturne setteth about evening twilight,
Jupiter south an houre after sunset.
Mars is vnder the Sunne beames.
Venus setteth about an houre after the Sunne.
Mercurie cannot be seene.
Eagles hart south past 10. in the evening.
Fomahant south 1. 18. min. in the morning.
Andromedaes head south at 2. 27. min. in the morning.

Septem.

Ranger. 1628.

September.

Saturne is entring vnder the Sunne beames.
Iupiter setteth a quarter past 9. at night.
Mars, Venus, and Mercurie, are Combust.
Pegasus mouth south 11. min. past 10. in the Evening.
Pegasus shoulder south at 11. 28. min. at night.
Aries hozne south a quarter past 2. in the morning.
Seauen starres south about 4. in the mozn.

October.

Saturne is as yet scarce got frō vnder the Sun beames.
Iupiter setteth halfe an houre past 8. at night.
Mars, is vnder the Suns couerture.
Venus riseth at 3. a clocke in the morning.
Mercurie wayteth on his master the Sun.
Andromedaes head south 3. quart. past 10. evening.
Seauen starres south halfe an houre past 2. in the mozn.
Buls eye south at 3. and 7. min. in the mozn.
Orions right shoulder south halfe houre past 4. in mozn.

November.

Saturne riseth 30. min. past 4. in the morning.
Iupiter setteth about 7. at night.
Mars is yet vnder the Sun beames, & cannot be seene.
Venus riseth a quarter past 3. in the morning.
Mercurie riseth halfe an houre before 6. in the mozn.
Rams hozne south a quarter past 10. at night.
Seauen starres south 15. min. past midnight.
Orions right shoulder south at 2. 35. min. in the mozn.
Lesse Dog starre south 24. min. past 4. in the mozn.

A Prognostication,

December.

Saturne riseth 45. min. past 2. in the morning.

Iupiter setteth in the evening.

Mars and the Sun are yet together.

Venus riseth 3. quart. past 3. in the morn.

Mercurie playeth boe peepe.

Rams horne south at 8. and 12. min. in the evening.

Seauen starres south 9. min. past 10. at night.

Great Dog starre south at 1. 26. min. in the morn.

Lyons Hart south at 4. 33. min. in the morn.

Lyons Tayle south at 15. min. past 6. in the morn.

These fixed Starres are set downe for very good purpose to knowe the exact houre of the night: and they come sooner to the South point 4. min. every night more or lesse; and it is blefull, pleasant, and profitable for Gentlemen, Physicians, Schollers, and Mariners: and generally for all who delight in Mathematicall speculations: And by knowinge the Starres, the time of the night may be knowne, and if the time be knowne, the starre may be knowne also.

The

The Computation of yeares in most of the Nations of the world.

The Chaldzans not long after the flood, and the Egyptians from the departure of the Israelites out of Egypt, haue accounted 365. dayes to the yeere, without respect to the odde houres and minutes: So that in 1460. yeeres (considering there is no leape yeere) the beginning of their yeere passeth through euery day of the Iulian yeere. And this yeere, 1628. is the 2377. yeere of Nabonassers account, beginning on Sunday the 13. day of Iuly, and the first day of their Moneth Thoth.

And the 1954. yeere of the Macedonians beginneth on the same day.

And the 1078. yeere of the Armenians beginneth on the 14. day of October, the first day of their Moneth Sahami.

And the 998. yeere of the Persians beginneth on the 11. day of October, the first day of their Moneth Pharauardim.

The Ethiopians begin their yeere on the 29. of August being the 1. day of their first Moneth Tuck.

The Muscouites, and Russians, begin their yeere on the first of September.

The Syrians on the 1. day of October, being the first day of their Moneth Tifrin.

The Macedonians begin their yeere on the first day of October, the beginning of their Moneth Hyperbeteuz.

A Prognostication.

The Iewes beginning their day at fixe a clocke in the Evening, doe account their yeere, 5380. to begin on the 22. day of October, the first day of their Moneth Tisrin.

The Turkes accounting their yeere to consist of 354. dayes, 8. houres, and 48. min. begin their yeere, 1038. of Hegira, 02 sight of their Prophet Mahomet, vpon the 23. of August, the first day of their Moneth Muharran. The forme of this yeere, is merely Lunar, and lesse then our yeere by 10. dayes. 21. houres, 22. min. so that in 32. yeeres and an halfe, it runneth through the Iulian Kalender, and our Fryday is their Sabbath.

The Indians begin their 1725. yeere on the first of January:

The beyond Sea account, 02 the Gregorian Kalender, haue the same number of yeeres, dayes, moneths, houres and minutes as wee haue; sauing, they begin their yeere 10. dayes before vs, and so obserue their vnmoueable Feasts. But for their moueable Feasts which are ruled by the Moone, they keepe sometimes 5. weekes, sometimes one weeke before vs, sometimes on the same day. As this present yeere, 1628. Easter day is kept on the same day with ours, theirs on the 23. of Aprill, ours on the 17. of Aprill.

Note that the Church of England doth not begin the yeere till the 25. day of March.

Note also, when the Dominicall letter is G. and the Idine 5. 13. or 16. Easter day is on the 25. of March, being the Feast of the Annunciation; and so it will happen, 1638. and 1649. And if the Dominicall letter be C. and the Idine 8. Easter day and St. Markes day fall together, and so it will bee, 1641. If God permit.

Ranger. 1628.

A Rule to finde Easter day.

Looke for the second Change in the new yeare. and the next Tuesday following is Shrove-tuesday; except the change bee on the Tuesday, and then the next Tuesday is Shrove-tuesday: the next Sunday after is Quadragesima, and six weekes after is Easter day.

Example.

This yeare, 1628. the second Change is upon the 24. of February, being Sunday, and the next Tuesday after being the 26. of February, is Shrove-tuesday.

To finde the Prime number.

Begin your account from the yeere 1500. and see how many scores of yeeres are passed since that time, and for every score of yeeres, account. 1. to which add the odde yeeres above scores, and the Aggregate is the Golden Number; except the totall exceed. 19. which if it doe, then cast away 19. the Remanet is the Golden Number.

Example.

This present yeere 1628. I finde sixscore yeeres have passed since the yeere. 1500. for which I take 6. and adding to it the odde 8. yeeres, the totall is 14. which is the Golden Number this yeere.

To finde the Epact.

Having found the Golden number, divide it by 3. If nothing remaine, the Golden number and Epact are all one, If 1. remaine, the Epact is greater then the Golden

C 3

Num=

A Prognostication.

Number by 10. If 2. remaine, by 20. Except the number
so added exceed, 30. and then casting away 30. the Re-
manet is the Epact.

Example:

This yere, 1628. the Golden Number is 14. which
divided by 3. there remaineth, 2. by which I knowe I
must add 20. to the Golden Number, so the totall is 34.
And because it exceedeth 30. I abate 30. the Remanet,
4. is the Epact.

Soli Deo omnipotenti sit Gloria.

FINIS.



